ABSTRACT OF THE DISCLOSURE

An electromagnetic drive type actuator comprises a movable plate having a flat surface, a support positioned around the movable plate, an elastic member connecting the movable plate with the support, wirings extending through the support, the movable plate and the elastic member, and a magnetic field generator. The elastic member is elastically deformable and supports the movable plate so as to allow the movable plate to move in directions parallel to the flat surface of the movable plate. The wirings pass currents. The magnetic field generator generates a magnetic field in a space around the movable plate. The magnetic field has a direction orthogonal to the flat surface of the movable plate. The movable plate is moved in the directions parallel to the flat surface of the movable plate by an interaction between the currents flowing through the wirings and the magnetic field generated by magnetic field generator.